

LANL CONSTRUCTION SAFETY PROGRAM

■ LANL ORGANIZATIONS

- ESH-5 Industrial Hygiene & Safety
- FWO Construction Inspectors
- PM Construction Project Managers
- SUP-1 Contract Administrators
- Construction Safety Advisory Committee

SAFETY PROCESS

- Contractor based on award submitted the following for review:
 - Safety Plan, Preliminary Hazard Analysis and Activity Hazard Analysis
- Notice to Proceed given after submittals reviewed and approved
- Contractor safety performance monitored based on daily safety inspections performed by LANL

LANL Expectations

- Contractors must be able to demonstrate safety performance in order to work at LANL-accountability
- Minimize loss potential to the Laboratory in terms of personal injuries/illnesses and property damage
- ISM Program Implementation

Construction Safety Program

- Special Provisions “Safety and Health Requirements” and the contract procurement process was revised
- Contractor superintendent on site at all times
- Removal of employee
- Termination for cause
- Contractor Performance Evaluation

Special Provisions - continued

- Contractor is responsible for lower-tier subcontractor safety performance.
- Contractor shall submit a written safety program no later than 10 days after notification of award.

Safety Program Elements

■ Activity Hazard Analysis

- site hazards and controls
- task hazards and controls
- permit requirements
- training requirements
- personal protective equipment requirement

■ Activity Hazard Analysis Change

- work activity scope changes

Safety Program Elements-cont.

- Safety Representative
- Inspections and Sampling
- Safety & Health Meetings
- Safety Certification Program
- Illumination, Noise Control and Housekeeping
- Hazard Communication Program
- Personal Protective Equipment

Safety Program Elements-cont.

■ Permits and Procedures

- confined space permit
- excavation permit
- spark/flame permit
- energized electrical work permit
- lockout/tagout procedure
- high consequence lift procedure
- penetration procedure

Safety Program Elements-cont.

- Discipline and Discharge Policy
- First Aid Program
- Fire Prevention Program
- Safety Orientation and Training

Additional Safety Requirements

- Lead exposure
- Asbestos exposure
- Respirator usage
- Fall protection program
- Electrical safety program

Training Requirements

- Contractor is responsible for using qualified personnel and provide appropriate training
 - Competent Person (scaffolding, excavations)
 - specialized training
 - AHA
 - LANL provided training
 - General employee training, Radiation worker training, Waste documentation, Lockout/Tagout.

Deliverables

- Accident Reports -24 hours
- Monthly manhour report-5 days
- OSHA 200 Log-5 days after the end of project

Contractor Safety Evaluation

- Safety Performance evaluation will be performed using objective criteria
- Used as a tool for consideration in future awards

Resources for ES&H Support

- HSR-5 On Demand Industrial Hygiene and Safety Team- 667-4644 Contact Phil Romero
- HSR-5 Construction Safety Team-667-4644 Contact Tom Crespín
- FMU Deployed ES&H Representatives- Contact Facility Managers